

CARLSON, GASKEY & OLDS, P.C.

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Date:	December 18, 2001	Time:	
To:	Lenell Mackall, Supervisor U.S. Patent Office - Asgn. Division	For Information Call:	Laura Combs (248) 988-8360
Fax Number:	703 872 9302	At:	Carlson, Gaskey & Olds
From:	Laura Combs	Fax Number:	(248) 988-8363
Pages (including cover page):	8	Client Billing Number:	60,446-244

SERIAL NO. 10/808,150

**Thank you for speaking with me today. Please see the attached Assignment with all signatures attached.
Please record the Assignment and return.**

**400 West Maple, Suite 350
Birmingham, MI 48009**



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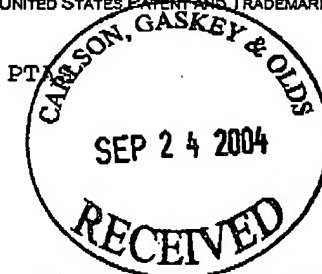
UNITED STATES PATENT AND TRADEMARK OFFICE

60446-244 Kal

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 18, 2004

CARLSON, GASKEY & OLDS, P.C.
THEODORE W. OLDS
400 WEST MAPLE
SUITE 350
BIRMINGHAM, MI 48009



102712697A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102712697

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

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SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. AN EXECUTION DATE MUST BE INDICATED FOR EACH CONVEYING PARTY.

LENELL MACKALL, SUPERVISOR
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-31-2004

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James H. DeVore
Charles E. Allen, Jr.
Winfried Sturmer
Karl-Fritz Heinzelmann
Ludger Ronge
Loren C. Dreier
Robert A. Sayman
Ronald P. Muerzel
Muncer AbuSamraAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: ZF Meritor, LLC

Internal Address: _____

Street Address: 5275 Skyway Church Road

City: Maxton State: NC Zip: 28364

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

2/9/04; 12/22/03; 3/24/04; 12/11/03;
12/22/03; 2/19/04; 2/18/04; 2/17/04;

Execution Date: 2/13/04

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
enter the date the patent was signed by the first named executing inventor: 2/9/2004

A. Patent Application No.(s)

Herewith

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: THEODORE W. OLDS

Internal Address: Carlson, Gaskey & Olds, P.C.

Street Address: 400 West Maple

Suite 350

City: Birmingham State: Michigan Zip: 48009

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1482

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

THEODORE W. OLDS

BYRNE 0000112-10808150 Name of Person Signing

Signature

March 24, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

60,446-244; 03ZFM046

ASSIGNMENT

WHEREAS, we, James H. DeVore, Charles E. Allen, Jr., Winfried Stürmer, Karl-Fritz Heinzelmann, Ludger Ronge, Loren C. Dreier, Robert A. Sayman, Ronald P. Muetzel, and Muncer AbuSamra (hereinafter referred to as Assignors), residing respectively at 11400 Kerrimur Drive, Laurinburg, NC 28352, 555 Ten Point Drive, Rochester Hills, MI 48309, An den Schwalgen 29, 97502 Euerbach, Schuster-Str. 25, D88074, Meckenbeuren, Riedstr. 7/1, 88097 Eriskirch, 1231 Greenbriar Pl., Vass, NC 28394, 12583 Lakewood Drive, Laurinburg, NC 28352, Konstantin-Schmaeh Str. 5, 88045 Friedrichshafen, Germany, and 255 West Hedgelawn Way, Southern Pines, NC 28387; have invented new and useful improvements in:

CLUTCH ASSEMBLY WITH SMOOTH ENGAGEMENT

which is set forth in an application in the United States filed herewith;

AND WHEREAS, ZF Meritor, LLC (hereinafter referred to as Assignee), of 22021 Skyway Church Road, Maxton, North Carolina 28364 is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 2004-02-09

Inventor: 
James H. DeVore

60,446-244; 03ZFM046

Dated: 12-22-03

Inventor: Charles E. Allen
Charles E. Allen, Jr.

Dated: _____

Inventor: _____
Winfried Stürmer

Dated: _____

Inventor: _____
Karl-Fritz Heinzelmann

Dated: _____

Inventor: _____
Ludger Ronge

Dated: _____

Inventor: _____
Loren C. Dreier

Dated: _____

Inventor: _____
Robert A. Sayman

Dated: _____

Inventor: _____
Ronald P. Muetzel

Dated: _____

Inventor: _____
Muneer AbuSamra

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Kerrie A. Laba, Esq.
Carlson, Gaskey & Olds
400 W. Maple Road, Ste. 350
Birmingham, MI 48009
(248) 988-8360

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60,446-244; 03ZFM046

Dated: _____

Inventor: _____
Charles E. Allen, Jr.

Dated: March 24, 2004

Inventor: Winfried Stürmer
Winfried Stürmer

Dated: _____

Inventor: _____
Karl-Fritz Heinzemann

Dated: _____

Inventor: _____
Ludger Ronge

Dated: _____

Inventor: _____
Loren C. Dreier

Dated: _____

Inventor: _____
Robert A. Sayman

Dated: _____

Inventor: _____
Ronald P. Muetzel

Dated: _____

Inventor: _____
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(248) 988-8360

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60,446-244; 03ZFM046

Dated: _____

Inventor: _____
Charles E. Allen, Jr.

Dated: _____

Inventor: _____
Winfried Stürmer

Dated: 03 17 11

Inventor: Karl-Fritz Heinzelmänn
Karl-Fritz Heinzelmänn

Dated: Dec. 22, 2003

Inventor: Ludger Bonge
Ludger Bonge

Dated: _____

Inventor: _____
Loren C. Dreier

Dated: _____

Inventor: _____
Robert A. Sayman

Dated: _____

Inventor: _____
Ronald P. Muetzel

Dated: _____

Inventor: _____
Muneer AbuSamra

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60,446-244: 03ZFM046

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Charles E. Allen, Jr.

Dated: _____

Inventor: _____
Winfried Stürmer

Dated: _____

Inventor: _____
Karl-Fritz Heinzelmann

Dated: _____

Inventor: _____
Ludger Ronge

Dated: 2004-FEB-19

Inventor: _____
Loren C. Dreier

Dated: 2004-2-18

Inventor: _____
Robert A. Sayman

Dated: 2004-2-17

Inventor: _____
Ronald P. Muetzel

Dated: 2004-2-13

Inventor: _____
Muneer AbuSamra

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Birmingham, MI 48009
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